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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	US2Goldsborough.CON
First Inventor	Andrew S. Goldsborough
Title	ISOLATION OF NUCLEIC ACID
Express Mail Label No.	EU5397998 6345

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 65]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
5. Oath or Declaration [Total Sheets 2]
 - a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☒ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☒ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☒ CD-ROM or CD-R (2 copies); or
 - ii. ☒ Paper
 - c. ☒ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/031,636.....

Prior application information:

Examiner Joyce Tung


Art Unit: 1637

For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number: OR ☒ Correspondence address below

Name	John Lucas		
Address	Transform Pharmaceuticals		
	29 Hartwell Ave		
City	Lexington	State	MA
Country	USA	Zip Code	02421
	Telephone	781-674-7852	Fax

Name (Print/Type)	John Lucas	Registration No. (Attorney/Agent)	43,373
Signature		Date	8 April 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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18304 U.S. PTO
10/820423

040804

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 428.00

Complete if Known

Application Number	
Filing Date	8 April 2004
First Named Inventor	Andrew S. Goldsborough
Examiner Name	
Art Unit	
Attorney Docket No.	US2Goldsborough.CON

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number
Deposit Account Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	385
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 385

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
8	-20** = 0	0	0
Independent Claims	4	-3** = 1	43
Multiple Dependent		0	0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 43

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

SUBMITTED BY

Name (Print/Type)	JOHN LUKAS	Registration No. (Attorney/Agent)	43373	Telephone	781 674 7852
Signature	John Lukas	Date	8 Apr. 1 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

In re the application of Andrew S. Goldsborough

Examiner: Not Yet Assigned

Filed: 8 April 2004

Title: ISOLATION OF NUCLEIC ACID

Attorney Docket No. US2.Goldsborough.CON

CERTIFICATE OF MAILING

I hereby certify that the following papers:

1. Utility Application: Specification 65 pages
 2. 2 Drawings in 2 sheets
 3. Declaration: 2 pages
 4. Sequence Listing: 2 copies of 1 page
 5. CD-ROM: 2 copies
 6. Sequence submission statement: 2 copies of 1 page
 7. Preliminary amendment: 7 pages
 8. IDS: 2 pages
 9. Modified PTO-1449: 2 pages
 10. PTO/SB/05 (Utility Patent Application Transmittal): 1 page
 11. PTO/SB/17 (Fee Transmittal): 2 copies of 1 page
 12. PTO/SB/06 (Fee determination record): 2 copies of 1 page
 13. Return postcard
 14. Check #1127 made out to "Assistant Commissioner for Patents" for \$428.00
- is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

By:  _____

Typed Name: John Lucas

Express Mail Label No.: EU539799863US

Date of Deposit: 8 April 2004

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number <u>US 2. Goldsborough</u>			
CLAIMS AS FILED – PART I <div style="display: flex; justify-content: space-around;"> (Column 1) (Column 2) </div>									
FOR	NUMBER FILED	NUMBER EXTRA				SMALL ENTITY	OR	OTHER THAN SMALL ENTITY	
BASIC FEE (37 CFR 1.16(a))						RATE		RATE	
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	0				FEE		FEE	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	1							
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))									
* If the difference in column 1 is less than zero, enter "0" in column 2.									
CLAIMS AS AMENDED – PART II <div style="display: flex; justify-content: space-around;"> (Column 1) (Column 2) (Column 3) </div>					SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA			RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
	Total (37 CFR 1.16(c))	Minus	**	=		X \$		X \$	
	Independent (37 CFR 1.16(b))	Minus	***	=		X \$		X \$	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+		+	
						TOTAL		TOTAL	
						ADD'L FEE		ADD'L FEE	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA			RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
	Total (37 CFR 1.16(c))	Minus	**	=		X \$		X \$	
	Independent (37 CFR 1.16(b))	Minus	***	=		X \$		X \$	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+		+	
						TOTAL		TOTAL	
						ADD'L FEE		ADD'L FEE	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA			RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
	Total (37 CFR 1.16(c))	Minus	**	=		X \$		X \$	
	Independent (37 CFR 1.16(b))	Minus	***	=		X \$		X \$	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+		+	
						TOTAL		TOTAL	
						ADD'L FEE		ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number <u>US 2006/0100000</u>		
CLAIMS AS FILED - PART I (Column 1) (Column 2)								
FOR	NUMBER FILED	NUMBER EXTRA			SMALL ENTITY	OR	OTHER THAN SMALL ENTITY	
BASIC FEE (37 CFR 1.16(a))					RATE		RATE	
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	• 0			FEE		FEE	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	• 1			X \$	=	X \$	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))					X \$	=	X \$	
					+	\$	+	
					TOTAL	428	TOTAL	
* If the difference in column 1 is less than zero, enter "0" in column 2.								
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)								
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA			SMALL ENTITY	OR	OTHER THAN SMALL ENTITY
	Total (37 CFR 1.16(c))	Minus	**	=	RATE	ADDITIONAL FEE		RATE
	Independent (37 CFR 1.16(b))	Minus	***	=	X \$	=	OR	X \$
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				X \$	=	OR	X \$
					+	\$	OR	+
						TOTAL ADD'L FEE	OR	TOTAL ADD'L FEE
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA			SMALL ENTITY	OR	OTHER THAN SMALL ENTITY
	Total (37 CFR 1.16(c))	Minus	**	=	RATE	ADDITIONAL FEE		RATE
	Independent (37 CFR 1.16(b))	Minus	***	=	X \$	=	OR	X \$
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				X \$	=	OR	X \$
					+	\$	OR	+
						TOTAL ADD'L FEE	OR	TOTAL ADD'L FEE
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA			SMALL ENTITY	OR	OTHER THAN SMALL ENTITY
	Total (37 CFR 1.16(c))	Minus	**	=	RATE	ADDITIONAL FEE		RATE
	Independent (37 CFR 1.16(b))	Minus	***	=	X \$	=	OR	X \$
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				X \$	=	OR	X \$
					+	\$	OR	+
						TOTAL ADD'L FEE	OR	TOTAL ADD'L FEE

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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